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Vol. LIX. No. 12. Established 1871. December, 1923.

10 cents a year 8 years for 25 cts



## **GET THIS BED OF DUTCH BULBS!**

Plant Now For Spring Blooming

Superb Hyacinths, Tulips, Narcissus, Crocuses, Etc.

Fresh, healthy Bulbs, assorted ourselves according to our stock, from the Bulbs named and Snowdrop, Ixias, Scilla, Grape Hyacinth, etc., at least fifteen choice Bulbs, which, if planted now, will bloom next Spring and for years to come, with a year's subscription to Park's Floral Magazine for 25 cts.

75 Bulbs and 5 Subscriptions for \$1.00

We ask our friends to get up a club. A club of four gives you 15 Bulbs and a year's subscription free. We want to increase the circulation of the Magazine quickly. This is another reason we are making these wonderful offers. 130 Bulbs and 10 subscriptions for \$2, which gives you 30 Bulbs and two-years subscription free.

Parks Floral Magazine, Lapark, Pa.

### PARK'S FLORAL MAGAZINE

A MONTHLY DEVOTED TO FLOWERS

LAPARK SEED AND PLANT COMPANY, Inc., Publishers LAPARK, PENN'A.

Entered at Lapark, Pa. P. O. as 2nd-class Mail Matter.

Single Copy 5c.

#### INDEX FOR 1923

A printed Index for the 59th volume of Park's Floral Magazine, from January to December 1923, will be forwarded to anyone on request.

#### THE BUSINESS MANAGER AGAIN

I wonder how many of our readers have noticed that they have been receiving the Magazine promptly this Fall, nearly all ahead of the date of the number? I know a considerable number have been aware of the change, because so many letters of surprise and delight have been received. I have in mind one letter in particular, from a subscriber in Texas, who wrote in August, "just to think! here it is August and the postman has brought me a September Magazine 1 am so pleased and congratulate you on the realization of at least past of the plans you have written us about, in the Magazine.

We are actually mailing more than half a million copies of each number of the Floral Magazine every month, and we hope, by steady, persistent work and the co-operation of our present subscribers, to reach seven hundred and fifty thousand copies by next September.

I presume we are all at least a little bit selish and yet every little while something arrives in the mail that makes me wish I had neve thought such a thing. Not a day goes by tha we do not receive favorable comments on the Magazine, sometimes whole letters, but more frequently a few words in a letter about something eise. A day or two ago one letter was brought to me, from a subscriber in the far West who wrote "I have been reading you Magazine since I was a little girl back home r. Iowa, and I love it so much that I wish they I could do something to place it in the that I could do something to place it in the hands of every mother of a family in all our great country, because I believe we cannot have good citizens except we all love flowers, and no publication, in fact no whole library, gives us so much information and practical directions how to successfully grow flowers as Park's Floral Magazine. To show you what I would like to do if I could afford it I have written down the names of twenty dear friends of mine and am sending you two dollars so that you can mail the Magazine to each one of them for a year, and I am sure every one of then will wart it all the rest of her life."

l am wandering whether we cannot

#### Make 1924 a Get-up-a-club-ofthree-new-subscribers-year.

It certainly would be a very easy matter for at least one hundred thousand of our present subscribers, in a dozen minutes, to get up a club of three subscribers at a dime each, and for doing so you knew us well enough to believe that the cut raiser would receive a pleasing reward from Lapark, in the form of

Choice seeds, bulbs or plants

This is where the senishness I have mentioned comes in on our part. But it would mean so much to us in publishing the Maga-

zine if such a campaign could be successfully carried out, a magnificent increase in our circulation, the finest class of interested subscribers, ever so much more advertising and more money coming in, so that I would feel very safe in promising you some forty-eight and sixty-four page numbers of the Magazine next year.

When making up a club of three please keep in mind that you are not mearly helping to increase the circulation of your favorite Floral Magazine, and to bring yourself more reading matter cheaper, but are taking a very effective part in the great propaganda to increase the love of flowers which so many thoughtful people believe a certain method to make America a more glorious, civilized and Chris-tian land for us all to live in

Can any one help being a better citizen, a better man, when he reads lines like these, from the pen of a floral poet—Anna Peyre

Dinnies:

Fair gift of Friendship! and her ever bright,
And faultless image! welcome now thou art,
In thy pure loveliness—thy robes of white,
Speaking a moral to the feeling heart;
Unscattered by heats—by wintery blasts unmoved—
Thy strength thus tested—and thy charms improved

#### REPORT ON THE SLOGAN FOR LAPARK PRODUCTS

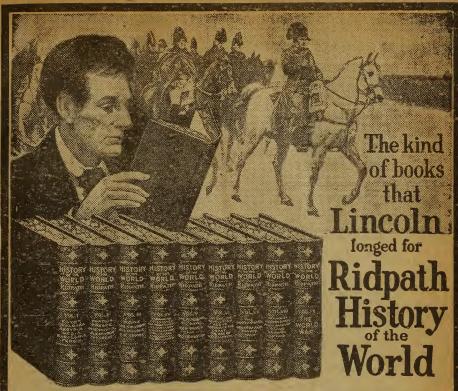
Truly one never knows what latent talent lies buried all around him. In the October Magazine I wrote a few lines about the need of a catchy but dignified slogan, motto or trademark for use on our catalogues, letterheads, envelopes, seed bags, etc. Well, they are still coming in. I have not dared to look at them all yet, but I have been rather compelled to examine two or three because of the way in which they were delivered to us. I have asked one of my stenographers to keep them all carefully in a cupboard until they have stopped coming, at least in numbers. And then I shall ask the president, vice-president, treasurer and secretary of this company all to sit down with me together to go over them all thoroughly in order to select the best. If we are not able to reach a decision among our-selves we shall not hesitate to call in outside, expert aid.

In the meantime it you have a good thought make a sketch of it and send it along. Remember, it is the idea that will count and not the artistic and perfect painting or drawing of it, because many of us have lots of perfectly splendid ideas but are utterly lacking in technical skill to draw them.

Business Manager.

#### EFFECT OF THE JAPANESE EARTHQUAKE

Very few Chinese Sacred Lilies reached America this year on account of the Japanese earthquake, the importation always coming through Japan, and the announcement just received is that the Hardy Lilies will not reach this country, for the same reason, until after New Year's.



### Ridpath's History Now Includes a Full Account of the World War

America's Greatest Historian TUST about the time when Abraham Lincoln became the nation's chief executive, a little Indiana boy wrote one day to the President of Harvard. He was a boy of the Lincoln type—thirsting for knowledge. He wanted to know if there was a world's history, trustworthy, not too bulky or expensive. The reply was that no man had yet appeared with sufficient ambition, judgment, courage, patience and literary skill to write a practical, useful, reliable history of the world. "I'll be that man," said the boy to himself. For 22 years he prepared himself thoroughly for this task. For 17 years he toiled and brought it to completion. The boy was John Clark Ridpath and his History of the World is, in the opinion of every student and scholar, a masterpiece for all time.

### Endorsed by Thousands

In the opinion of statesmen, college presidents, professional and business men of all classes and conditions, Ridpath's History of the World stands alone. There is no set of books about which opinion is so entirely unanimous. Ridpath's History is praised by all for its wealth of learning, its brilliant style, and its educative value to old and young. It is already in over a quarter of a million American homes and should be in every home.

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letters. We do not applied. letters. We do not publish our special low price because to print our low price broadcast would cause great in-jury to the sale of future editions. Hundreds who read this have thought that sometime they would buy a that sometime they would buy a History of the World and inform themselves on all the great events that have made and unmade nations. Don't you think it would be worth COUPON THE RIDPATH HISTORICAL SOCIETY

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World, containing photogravures of The Surrender at Sedan, Napoleon, and other Igreat characters in history. Also write me full particulars of your special offer to Park's Floral Guide readers.

ADDRESS.....

Cincinnati, O. 📓

### **A Merry Christmas** for that Boy of Yours!



Your boy's Christmas will be the happiest ever, it you will send him THE BOYS' MAGAZINE.

It is a gift that lasts a whole year. This splendid magazine is check full of just the kind of reading you want your boy to have. Clean, inspiring stories by the world's best writers. Practical and instructive departments devoted to Radio, Mechanics, Electricity, Athletics, Physical Training, Stamp Collecting, Cartooning, etc., etc. Beautiful big pages with nandsome covers in colors, A big lot of jokes and comic drawings.

Subscribe for this great magazine for your boy or for some boy in whom you take a particular interest. It will mean for him a whole year

Interest. It will mean for him a whole year of pleasure, entertainment and instruction.

Special Offer! For only \$1.00 we will send. THE BOYS' MAGAZINE for a full year beginning with the big December (Christmas) issue. We will send FREE to each subscriber a copy of our book "Fifty Ways for Boys to Earn Money." We will also send the subscriber a handsome Christmas gift card with your name as donor. (Satisfaction or money rehanded.) funded.)

### THE SCOTT F. REDFIELD CO., Inc. 8218 Main St., Smethport, Pa.

I enclose \$1.00 for which enter the following name for a whole year's subscription to THE BOYS' MAGAZINE. Send him his first copy of THE BOYS' MAGAZINE, a Christmas gift card and a copy of your book, "Fifty Ways for Boys to Earn Money," all to reach him on Christmas morning,

Name Street or R. F. D.	
City	State
Cour Name	



#### SNOW FLAKES

Jolly little snow-flakes Falling from the sky; O'er the hills and valleys Thick and deep they lie.

Swirling on the North wind Like a swarm of bees: Falling on the branches Of the forest trees.

Dancing light and merry
Fast and thick they fly;
On the fields and meadows
Warm and white they lie.

Underneath the blanket Soft and warm and white; Flowers are sleeping sweetly Thro' the Winter's night.

Winter winds are piling Drifts beside the hill; Hear the horns of elf-land Wild and fierce and shrill.

Dainty little snow-flakes Shine like jewels bright; When the sun's a-peeping Scattering rays of light.

Miss Ada M. Aiken, Altoona.

#### MAMMY'S LITTLE PANSY STORY

"Mammy, what make de lil Pansy blossoms look lak dey done bin cryin?"
"Lawsy, Jassymine honey, don't you know what mak dem look dat away? De two lil leaves, der names is Maggie and Minnie, and when der mudder died, why der ole daddy want a spakkin an he don com gelliyarin in went a spahkin an he don com gallivantin in wid de girls a step-mudder and two step-sisters.
Dis step-mudder, her name was Nancy, was mighty uppitish and sits above dem all, an de and Floey, and dey mighty uppitish, and dey allus sits above de lil girls and dis make de lil Minnie and Maggie feel so bad an lonesome for der own mudder dat dey jes nat'rally cried till der now mudder sent dem dis comfortin maissage, 'De firs shall be las an de las shall be firs', so when dey all start to hebben, why Maggie an Minnie shal be firs."
"Will Chloey and Floey get to hebben, too,

Mammy?"

"Now, Jassymine honey, don't you press yo ole mammy too close, cause der's lots of pints whar she am mighty oncertain, though I spects dey will get der somehow, but dey won't hab all de nice clo's and yallow hair ribbons lak Maggie and Minnie am gwine to hab though, and dat is de trufel" Ex-Seaweed, Ohio.

# **CHRISTMAS DINNER**

#### WINTER RELIEF WORK Among the Poor

The Volunteers of America under the Personal supervision of General Ballington and Mrs. Maud Booth, are conducting Rescue Missions; Children's Homes; Rescue Homes; Helping Hand Homes for Mothers and their bables; Prison work, Relief departments where the sick and destitute are given assistance.

Will you have a part in this great work by mailing your check today for any amount you may desire to contribute.

Make check payable to the Volunteers of America, and mall to the Volunteers of America, District Headquarters, 271 Lenox Ave., New York City. "Give and it shall be given you," "God loveth a cheerful giver."

## PARK'S FLORAL MAGAZINE

LaPark, Pennsylvania.

#### SAY IT WITH FLOWERS

HAT do our Christmas ships bring to us? And still more important, what do the ships we send out carry?

I heard a mother say to her little sen: "We'll ask Santa Claus to bring you an overcoat for Christmas." "Oh don't, ma," pleaded the little fellow, "an overcoat isn't a Christmas present!" I think he was quite right; a cold back is preferable to a chilly spirit, and it is the spirit of Christmas that makes Christmas. When we lose it, and get

a bunch of these flowers on her desk-the first

Sweet Peas she had ever seen.
Since the introduction of the Winter-flowering strains, we can have Sweet Peas of our own raising even for Christmas. They must own raising even for Christinas. They must be grown in tubs large enough to insure plenty of room for the deep searching roots, and in a cool temperature, about 45 degrees at night and 55 to 60 degrees during the day. Good garden loam mixed with well rotted manure makes the best compost.



down to mere mercenary giving and receiving, Christmas becomes a burden instead of what it was intended to be—a season of peace and goodwill, and the interchange of expressions of friendship, one with another. Why not say it with flowers? Could there be a lovlier greeting than a "Merry Christmas" card attached to the stem of a red Rose? Red and arreen are the favorite colors for Christmas and a reen are the favorite colors for Christmas. green are the favorite colors for Christmas, be-cause they are so warm and cheery; and two things which bear a great influence on our lives are color and fragrance. I know a grandma of eighty who says she never smells a Sweet Pea but that it takes her back to the little red schoolhouse where a schoolmate laid

Among red cut-flowers, Roses and Carnations are probably the favorites. As a potted plant the Poinsettia is the reddest flower of all, but it does not thrive long when removed from hothouse conditions. The most gorgeous red of any flower of the season which is good for house culture is the crab cactus. Its name comes from the drooping habit of the plant and the long, claw-like flowers horne on the ards of the long, claw-like flowers borne on the ends of the long, claw-like nowers borne on the ends of the branches. A pot of Duc van Thol Tulips— the only red-flowered Dutch Bulb that can be forced for Christmas—is always lovely, and may be combined with forced pips of Lily of the Valley, or with little Ferns. Four Tulips in a six-inch pot with a small Fern in the

center is a pretty arrangement, and may be made even more attractive if one is skilled in wicker work and can weave a basket to hold

the pot.

Then there are the red-berried Shrubs which can be bought if one lives in the vicinity of a good greenhouse. English Holly in a tub would be sure to say "Merry Christmas' to any man or woman hailing from old England Aucuba Japonica, a tender Evergreen from Japan has red berries all Winter, and will grow outdoors in the South; and Ardisia crenulata is very attractive and holds its berries until warm weather.



then there is the old red Geranium, which is as friendly as a country neighbor who calls you by your first name and runs in by the back way for a morning chat. The one thing to remember about growing presents for Christmas is that we must begin in time Geraniums should be started into growth early in Summer if they are to be raised from cuttings, and not allowed to blossom before Winter Another old-fashioned plant for ordinary conditions, and one which will grow in a north window about as well as anywhere else, is a Fuchsia. Somehow Geraniums and Fuchsias are especially domestic. For many years they have brightened many homes, and they cannot fail to be rich in associations. It is said that the Fuchsia was introduced into England by a sailor lad who returned from South America in 1788, bringing a growing plant with him as a present for his mother. One day a nurseryman, Mr. James Lee, chanced to pass the house where the plant was blooming on the window-sill. He was much impressed by its beauty, and finally succeeded in purchasing it. He struck cuttings, and as soon as his stock was sufficiently large he put it upon the market, realizing, we are told, three hundred pounds upon his investment. The Fuchsia was first discovered, and its name published, in 1703 by Father Plumier, a missionary in South America, who called his new flower Fuchsia triphylla.

A pot of Cyclamen, with flowers looking like butterfiles poised ready for flight, makes a charming Christmas gift, and is also very appropriate because the Cyclamen seen in our florists' windows are native to the Holy Land If one prefers to grow his Cyclamen from seed, the seed should be sown in August, and the little plants nursed along through the first

Winter in a temperature of about 30 degrees. The following Summer they may be kept on the north side of the house where they are shaded from the sun on all bright days. In September and October they make their best growth, and should blossom from December to May. A good, sandy loam is the soil they like best, with a little pulverized sheep manure or well decayed cow manure mixed in when preparing the soil for potting them into their flowering pots.

About the cheapest good flowering plant for

About the cheapest good flowering plant for Christmas is a Primrose. A long time agoso long we have forgotten the exact number of years—we received a Primula obconica, set in a circle of small Asparagus Ferns, and when we removed the wrappings and took it out of its box it was certainly a beautiful surprise. We still have the Primula, and though it is not as lovely as in its younger days we can't bear to throw it away, and will propably go on keeping it as long as it lives—for auld lang sync.

Either the Baby Primrose or the Baby Rambler Rose makes a dainty gift, and one that

will give lasting pleasure.

And now we come to the Bulbs. Oh, the dear Bulbs! If I ever become seized with an attack of kleptomania it will happen at the florist's where I see great quantities of bulbs for sale. If they are in big sacks, maybe, like "Tom, Tom, the piper's son," I'll steal a bag and away I'll run. Verily, it wouldn't be safe to trust me where there are bulbs.

Chinese Lilies and Paper White Narcissus

Chinese Lilies and Paper White Narcissus grow so quickly in water with a little clean sand, and pebbles or shells to keep them in place, they are the best "last minute" bulbs to buy for Christmas. Only day before yesterday I put six paper white Bulbs in a dish of water, and to-day I lifted one to see if it had started



to grow, and to my surprise found the roots fully half an inch long. They must be related to Jack's beanstalk. There are numerous ways in which these bulbs may be given that little original touch which makes a gift especially acceptable. One arrangement we found charming consisted of three bulbs potted in earth in a six-inch brass fern dish with little native ferns, the common Polypody, the Christmas and small Marginal Shield ferns being used. Another bowl of clear glass and pebbles had bits of moss and partridge berry vine tucked in among the pebbles, and the red berries gave just the right touch of color. Still another, a

little Japanese bowl, was accompanied by a raffia mat to set it on. A little money, a little thought, and a few Narcissus bulbs will make I believe three weeks is the usual time given to bring these bulbs to flowering in water; planted in earth they require more time but the blossoms last longer.

Personally, I would prefer for my Christmas gift the pot of bulbs not yet in bloom to those which have reached the fullness of their beauty. Then there is the additional pleasure one gets from watching them grow. When sending them this way to a friend, directions



CRAB CACTUS

may be attached. together with the date on which they were potted so that one will know how much longer to keep them in the dark. I have found a good general rule is to plant the bulbs as soon as they are received, in a soil composed of

about three-fourths garden loam, leaf mold and sand, and one-fourth well rotted cow manure. Bits of proken pottery or charcoal in the bottom of the pots will give the necessary drainage. Set the Bulbs two to four inches apart, deep enough to have the tops covered, and press them in firmly. If the pots are not large begin to grow, sometimes they will kick each other out of bed, and you will find them standing on tip-toe with their white roots showing above the earth. I have tried pushing them back into position, but never got a very perfect growth after this happened. When they are ready for the cellar, water thoroughly, and put them in a cool, dark place. Even freezing temperature does not injure them. Crocuses need to stay down about six weeks, Hyacinths eight weeks, Giant Trumpet and Double Nar-cissus ten weeks, and Tulips twelve weeks. A good root growth is absolutely necessary if one is to have fine blossoms. Hyacinths that



haven't had time to root properly will have inferior flowers that come out close to the soil on short stems. The tops need to be two or three inches high when the pots are brought to the light. Funnels the light. Funnels made of brown paper kept over the pots for a time will often encourage the stems to longer growth before the buds open. A moist atmos-

phere of sixty degrees is about right, and if set in hot sunshine when in bloom the blossoms do not last as long.

A pot of Kaiserkroon Tulips coming into bloom when we are Winter-worn and hungry for Spring is surely both meat and drink. Nothing else could be more cheerful than these bright blossoms. Among other kinds which are good for forcing, Pottebaker, a clear red, is much in demand; Ophir de Or, golden-yellow, with very large flowers, and King of Yellows, which has a perfect shaped golden flower that heave a love time are forwarden. flower that keeps a long time, are favorites,

though Yellow Prince outsells them, and is perhaps the best yellow Tulip for forcing. For bright pink, Rose Gris de Lin is a charming variety; and La Reine (The Queen) is one of the best whites for pot culture

An eight or nine inch bulb pan containing a dozen miniature or Dutch Roman Hyacinths, makes a fine gift; and ten assorted Crocus makes a fine gift; and ten assorted Crocus bulbs in a six-inch pot are very Spring-like when in bloom. This year we are trying an experiment, and will tell you how it works out later on. We made

cardboard cases which we sank in the pan of dirt, planting one Crocus in each little case; when they have made their root growth and are ready to come up into the light, we plan to lift each little case and transfer it to our Moss and Fern garden which is growing under glass, and in that way have a Spring garden while sleigh-bells are yet It may jingling.



KAISERKROON TULIPS

not work, but anyhow, it is something to look forward to.

When it comes to Hyacinths, one big, bulb in a pretty pot is a good enough "Merry Christmas" for anyone. The cultivation of this bulb in the East dates back to very ancient times. Early in the sixteenth century it came into Western Europe as a plant of both single and double varieties with white, purple and blue flowers. The other shades, of which we now have such a varied collection, have been developed since, either as sprouts or from seedlings. One story says that the "first Lilac variety appeared as a sprout from a red flowered bulb in the possession of a Dutch grower. He was so solicitous lest some misfortune

should overtake his precious plant that he put the pot containing it into a bird-cage and hung it from the ceiling of his room. He was successful in its propa-gation and that bulb is regarded as the parent of the present Lilac forms."

One might go on and on with Christmas suggestions—garden books for the garden lover, garden tools for the boys and girls, bulbs, and seeds, and plants, and cut-flowers, that would scatter Christmas cheer enough to last the year round; POTTED HYACINTHS and then some one would step up and say,



POTTED HYACINTHS

"Here's another good idea." So we will stop, and give the others chance; but when we say "Merry Christmas" this year, let's say it with flowers! Florence Boyce Davis, Vermont.

Geranium Robertianum blooms nearly all Summer and is effective for natura

#### PARK'S FLORAL MAGAZINE.

#### WINTER

The Summer days with all their charms, Are numbered with the past.

And Winter with his sleet and snow, Has come this way at last

The leaves and flowers now are dead, And the willow tree is weeping. Above the cold and silent bed; Where the Hyacinths are sleeping.

The crioles away have flown, Silent now the woodrand powers. And Winter seems a dreary time, Without the birds and flowers.

But, He who sends the Summer showers, Noth also make the North winds blow. always right and best we know.

Mrs Rosie Inaries, Va.

#### M FEW OF MY FAVORITES

ESPECIALLY like to get very early and very late blooming plants. The new Autumn Grovy is one I have raised from seed. A it is very much like a Cosmos, the flowers yellow and very close together. Another is a delicate, hardy Aster, it spreads by root and



IRIS

seed, but in the Fall I cut the roots away and do not let much seed ripen.

I like to get my bulbs as late as January and put them in a box and set them in the garden a sunny location, covered with anything convenient. These I have to bring in the house in the Spring. I have a hundred Pansy of units in a coldframe with muslin tacked on lath frames like window screens to cover them, as this lets the rain through. On very cold nights I put papers under the muslin.

I always wanted plenty of golden Coriopsis, but the two past years I have had so much go to seed that I certainly have had plenty. It is yellow like Cosmos and blooms in June and July Another yellow flower I have is the double golden Buttercup which spreads by very double, the size of a dime, and the leaves

need to be thinned out every Fall or Spring.
English Ivy is a beautiful vine to cover
ground or cling to a foundation on the north
side of a house. It stays green all Winter. Aegopodium Podagaria is a green and white plant for the edge of a Fern bed, or in a mass. It stays beautiful late, as do also Feverfew and Sweet Williams. Iris, Paeonies and Phlox



AEGOPODIUM PODAGARIA

can be transplanted as long as the ground is

not frozen, if protected by rubbish or teaves.
I think the red Sundower of many shades makes a very pleasing bloom; also the dwarf varieties. The single Aster is something new, at least I have seen it only of late years in a few catalogues. I have purple, blue, white, crimson and pink, but did not save very much seed, as there are so many demands on my time. The blossoms the first year were just plain, daisy like blooms, but lately there has been a marked difference in the center of the flower. I had a bed of these plants near the house and every time I sat down in the seat near it I admired them. A few seats in the garden are most desirable. I have one under the grape arbor where I can sit and watch the bulbs in bloom. Mrs. H. E. Iliff, Kans.

#### FRIENDS' FLORAL CORNER

Dear Floral Friends: A trip into God's flower garden is the best cure for the "blues" I know of. We have so many varieties of Cacti here, from the large Devil's Head, almost as large as a dish-pan, to the Rat-tail which grows six feet high. The flowers range all through the pinks and from pale yellow to bronze.

Blue Ageratums that grow along the creeks are throe feet tall. Then we have the wild Phlox, white and yellow Dandellons, Blue Bonnets, Dutchman's Pipe, Maiden Hair Ferns, trailing Hollyhocks and a number of Daisies of which I do not know the name.

It is certainly a brautiful sight to see the hills in their new Spring dresses of every color of the rainbow, in their Summer dresses of many hues, and again in the Fall. Why, in the month of August I counted as many as twenty-five kinds of yellow flowers. Then, in twenty-five kinds of yellow flowers. Then, in the Autumn, come the Golden Rod, Snow-on-the-Mountain and millions and millions of wild Asters.

The next time things go wrong, take my advice and look around at the natural beauty to be found right at your very door, and you will forget all about being "blue".

Mrs. Bertie Farris, Texas.

If you are troubled with black aphids on your Poppies, spray the plants with nicotine solu-

### "Merry, Merry Christmas"

HAT a merry time we would have if we could look into each others faces when we wish this happy greeting.
The Christmas Spirit is such a wonderful thing; when we think what Christmas is, the birthday of the dear little Christ-Child, God's greatest gift to His people, our hearts just glow with a joyousness that no other sea-

about the greens. when the grasses, etc., have become sufficiently coated, remove carefully, and hang them to dry for twelve hours. If you wish a snow. you put them in.
If you do more, reheat the solution, adding more alum

son calls forth. We are filled with the spirit of giving, not only the concrete gifts that are to be seen and handled, but the loving thoughts, the kindly messages, really the giving of our very selves to those we love and to those who

It is a marvelous time for the children, and perhaps nearly all of us forget our years, and for a little are children with the children. So away with cares and worries, make the holiday bright and happy, a day to be remembered

Let us see what we can do to make the home don its festive garb. Get out the Ferns you pressed in August, the Sumac, Dogwood and Maple leaves you pressed after Jack Frost had painted them in Christmas reds and greens. Make these into lovely wreaths and letters to put over doorways, using branches of Ever-green and Holly for a background. Perhaps you found, in your Autumn ramblings, a de-serted bird-nest in a little branch, tie it up over a picture with a bright ribbon, and hang over a picture with a trigger and the some of your pressed vines over it. (If you have no pressed vines or leaves this year, be sure to have them ready for 1924.) Fut some brown cones among the branches, and I do hope you have been able to gather a lot of Bitter Sweet vines with their glowing red berries, just the thing to drape here and there

We dried a big bunch of Pompon Dahlia blossoms this year, and mixed with the fairy like seed pods of the Clematis vine, a few frost tinged Hydrangea blossoms, and some sprigs of Arbor-vitae we have boquets that are fine additions to our Christmas decorations.

Sparkling adornments are pleasing as well as reds and greens — baskets of crystalized Grasses and Ferns are lovely, and not hard to make, though requiring some patience. Take a pound of alum and one gallon of water; boil until dissolved, when cool pour into a glazed jar or basin. Put sticks across the top and from them suspend the branches, grasses, etc., so that they hang immersed in the water. Let them stand undisturbed over night, some times it takes fitteen hours or more for the

frosty appearance, place before a fire, where, by drying quickly, you will get a white effect, like crushed ice or frosted

You can make pretty baskets to hold your frosted grasses, or to use as bright decorations for the Christ-mas Tree. Make them of wir- wrapped with any bright wersted you may have Immerse teem in the alum bath just as directed above, having the temperature about blood heat when

if necessary This is rather an old-fashioned plan for Christmas decorations but I love to do such things, the personal interest and work make them and the season mean so much more to me than if I mearly paid out mone; for them. I am sure many readers of the Magazine agree with me.

D. E. F., New York. agree with me.

#### THE CHRISTMAS TIME

The merry Christmas, with his generous boards, Its fire-lit hearths and gifts and blazing trees, The pleasant voices uttering gentle words, Its genial mirth attuned to sweet accords,

Its holy memories.
The fairest season of the passing year,
The merry, merry Christmas-time is here.

Selected

#### GARDENING RECLAIMED LAND

My garden and flower beds are in no way remarkable, except as to location and the structure of the soil, the latter being rather unusual. It is located on what was formerly the site of a terminal moraine, but commercial expansion demanded its removal. By degrees "Dead Man's Point" was sluiced and shoveled away, and a portion of its base is at

my disposal.

The first thing one would notice, on inspecting the remains of the moraine, is that the portion nearest the beach has been submerged beneath the waters of Puget Sound, and has risen again and again; secondly, that there are but few remains of organic life; and thirdly, the soil (we call it that, by courtesy) is a grayish beach mud, solidified almost to the consistency of cement, and everywhere it is bestrewn with glacial drift that would gladden the heart of an amateur geologist.

My poor little makeshift garden is rimmed about with tumuli containing, all told, several tons of rock, varying in size from hundred pound boulders to mere pebbles, and a remarkable variety of granite and feldspar.

We have noted a few odd facts about this soil so destitute of organic matter. One little knoll of the grayish beach mud was left intact. One could not dig it at all without the aid of a pick, and yet the white Clover began to spring up there a few months after the steam shovel had done its work and gone its



WALLFLOWER

way. Two years will soon have passed; the hardened beach mud is calcining, eroding and disintegrating, and more thickly the white Clover is covering it. Just for experiment we scattered wood ashes and behold, the red Clover, also, flourished like the traditional "bay tree."

Last year we started a compost pit and a systematic plan of soil building on a small scale. It is no fun digging in ground that resembles the bed of a creek, neither is it financially worth while, when one is well paid for doing something else that is much easier. Still, we always enjoyed gardening and we had a curiosity as to what would grow on so primitive a soil as ours. It possessed almost no organic matter, nor humus, except what little we supplied from our compost pit. Our experiments were as follows: Cucumbers and Pumpkins, failure; Beets, Onions, Lettuce, Radishes and Parsnips, poor; a few Tomatoes,

Potatoes and Peas, fair; Beans and Carrots, good. As to flowers, the Wallflower flourishes in the poorest spots, as well as the common Poppy, several varieties of Sedum and the Scotch Broom. Fleur de Lys is growing



POPPY

very well in a wet spot of clay and some Holly and Madrona trees are looking as though they would "come through."

Of coure we have many other things started where we have taken more pains with the fertilizer, but the plants which I have mentioned are growing in very poor soil. Altogether, we hope in time to have our impromptu geological collection thrown in the background. We also expect a better garden this year than last. Some of our compost has been spaded in and more has been applied as a top dressing. Altogether it was done under difficulties and mainly because we disliked to see the unsightly, bare soil lying so close to our dwelling.

Nature Lover, Wash.

#### ASPARAGUS FOR BOUQUETS

I note in a recent issue of the Magazine a woman recommends Gypsophila Paniculata to hold the bloom of Sweet Peas in place. I wish to add that one of the most lacey things in the plant line is the Asparagus Plumosus Nanus It is used extensively throughout California, in all floral work, combined with the Baby's Breath, or Gypsophila Paniculata. The Asparagus lends itself readily in combination with almost any flower.

A very pretty way is to drop two or three of the shorter stems, or fronds, in a vase first, then fill in with other flowers in the way that has already been mentioned. The ease with which this Asparagus can be raised, together with its long keeping qualities, should make it universally grown. A little swamp slush, now and then, is this plant's choice of fertilizer, and good drainage and light are its chief requirements. Scarcely any foliage is prettier.

Mrs. Bly, Ariz.

#### DESTROYING THE MOLES

I have found that raisins, soaked in arsenic of lead and put in the runs, will destroy ground moles.

Mrs. Clara Humrick, Iowa.

#### THINGS WORTH WHILE

Not what you get, But what you give; Not what you say, But how you live; Giving the world the love it needs, Living a life of noble deeds.

Not whence you came, But whither bound? Not what you have, But whither found? Strong for the right, The good, the true These are the things worth while to you.

#### MANUFACTURED CHRIST-MAS TREE

Just because there isn't an Evergreen or a Fir tree to be had, do not deprive the children of their Christmas tree. Get a small tree, well shaped but not having too many branches, and mount it as you would any tree. Cut green tissue paper in strips two inches wide, and with scissors fringe it up one inch, then wrap each branch, having the plain part of the paper come under the frange. Then trim as you would an Evergreen tree

#### LILY OF THE VALLEY

Now is rather a good time to make a new Laly of the Valley bed, and a desirable situ-ation is a border facing either North or East. First work in a goodly quantity of well rotted



LILY OF THE VALLEY

stable manure, and add sand and leaf mould should your soil be stiff and heavy. Then set the crowns in rows a foot apart and leave the bed undisturbed until it becomes a solid mass.

Asters which are grown in partial shade are seldom injured by plant bugs.

#### FRIENDS FLORAL CORNER

Dear Floral Friends: I wish to tell you of a unique flower garden cultivated by one of my neighbors last Summer. She is a very old lady, living in a tiny house, surrounded by a wide lawn. After the lawn had been neatly mowed, circular pieces of sod, one foot in diameter, were removed and the cavities filled with rich earth from the vegetable garden. These circles extended along the entire street walk and on either side of the walk leading to the house, and were far enough apart to per-mit the lawn mower to run between. Various was placed in the center of each circle. Not being crowded, each plant grew to a state of perfection and the result was one which stayed the footsteps of every passerby. This garden was never watered artificially, but after a rainfall the crust formed in each circle was broken. thereby forming a dust mulch and at the same time discouraging the sprouting of any ambitious weed-seeds.

Try it my friends, next Summer. You will be charmed with the result. Poppy, Ill

Also: -"The person who is really interested in flowers acquires many things which add to his appreciation of the beautiful, which is denied to those who have not this knowledge,"





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#### NATURE'S GIFT

Nature gives us mountains steep Nature gives the plains, Nature gives us valleys deep Nature gives the rains.

Nature gives us beautiful trees Nature gives the weed, Nature gives the refreshing breeze Nature gives the seed.

Nature gives us sunny weather Nature gives the dews, Nature gives us flowers to gather Wonderous in their hues, Winnie Alice Meeks, Texas.

### FRIENDS' FLORAL CORNER

Dear Floral Friends: I have long wished to write to you, but never got courage until I was reading my September Magazine, in which the letters all interested me so much. Mrs. Stoner of Indiana surely has the same idea I Stoner of Indiana surely has the same light have concerning wild flowers. Many wildlings have been added to my collection and usually there are plenty so that a few can be spared for our individual gardens and never missed from the wayside. I have some of the dear, little Harebells obtained from there and still there are many more also the dainty Lady's there are many more; also the dainty Lady's Slippers which I got from the deep woods where no one enjoyed them and which seem to thrive just as well in a shady part of my garden.

garden.
M. R. R., California, I had to take many "patience pills" before I obtained my beloved collection of Aquilegias, but now I have some beauties. Watch out for a worm that eats the bloom and seed-pod. It is the color and size of one section of the seed cluster and so often passess unnoticed until he has eaten holes at the base and let the seeds out or eaten them; I do not know which yet.

A Park's Magazine Friend, Mrs. Heath, sent me a package of plants two years ago from

me a package of plants two years ago from North Dakota and how I have enjoyed them! Of course a few died, but I have a number, two Lilacs among them, that are doing beauti-

fully.

Iris of Oklahoma, watch your Iris plants carefully or you may, like myself, grow sick at heart when you hear Iris mentioned. I had such wonderful ones and every year I bought a few new sorts until I had more lovely Iris than anyone around here. Then I noticed the leaves rotted and died down. I began hunting the cause and found the dreaded Iris lover had started in his deadly work. I searched for a remedy in all my Magazines but found none. Then, in desparation, I dug them all up, cut out the affected parts, fished out some potato bug poison my husband had been using and soaked each plant and root in a strong solution. I was not at all sure but it would kill plant and all. Then I burned the borers, there were hundreds of them, and the infested stalks, and set the plants in a new spot. You plant lovers can guess how anxiously I watched this year to see if any of my treasures survived. A very few blossomed and though I have watched carefully, have found no borers this year. Yellow Roses from Maine.

#### **FUSCHIAS**

If the leaves are falling it would be wise to give your plants a complete rest. Give just enough water to keep the soil from getting dusty. In about six weeks, or two months, repot in fresh soil, water liberally, and, when growth begins, give them plenty of light and air.



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FLORAL REVERIES

It is a wonderful garden—so carefully plan-ned, so beautiful in its colors, so trim and well kept. The Sweet Peas do not sprawl instead of climing: the Scabiosa does not fail to appear; the supposed orange Cosmos do not prove to be ragweeds; the Poppies never get seedy; in fact it is wholly delightful, the garden we are going to have next year. For if the Winter takes the flowers, it takes the weeds, too, so there is always hope of a fresh start. And next Summer may be the season in which the dream-garden materializes.

While perennials irregularly placed may be effective, they are not for farmer folks. As long as chickens scratch, and pet lambs nibble, and little pigs ten inches in circumference reck not the wire fences intended for their restraint, so long must flowering plants imitate the early settlers in dwelling together for mu-tual protection A long bed with perennials in crosswise rows is easily ended; though perhaps more space is conserved by planting the bed in two lengthwise rows with a path through the middle.

While hastily gathering corn, one day this Summer, I saw an apparently white flower gleaning among the potato vines. Investigation showed it not white, but pale yellow, with a reddish-brownish-blark eye. There was time for only a hasty inspection Returning later, I could find no trace of the new acquaintance. For some time the mysterious disappearance puzzled me, until another walk through the potato patch resulted in finding the stranger there again, this time with nine blossoms-and a handsome plant it was. A search in the good old Analytical Key of school days showed it to be Bladder Retmia, or Flower-of-an-Hour. It was then evident that on its first appearance its one blossom had closed before my second visit. I saved some of its numerous seeds, and hope to include the interesting little mallow among the garden plants of next year.

Last spring my zinnia seeds were divided with a friend. In looking at her flowers, later in the summer, we discovered a large, fully double green zinnia—a pretty, light, but unmistakable green. A week or two later my annual bed also furnished a green zinniadouble, with the outer petals tipped with crimson. The seed has not been renewed for a number of years. Were our zinnias a new departure, or did they revert to an originally greenish form?

When is a weed? If dandelions, catchfly, and Mayweeds were less common, we should be cultivating them with hope; while the oxeye daisy, the jewel weed, and the St. Johnswort would grace the finest collections, and the bindwood would elimborate the most reason. the bindweed would climb over the most or-namental pergolas. Then there is "the flower of love-lies-bleeding", with its relatives of the amaranthus tribe. The single plant is not a beautiful one—is, in fact, a glorified pigweed—yet the rich masses of color are decidedly attractive in the autumn, even apart from the interest of the plant as the theme of one of Campbell's finest tragic poems.

And, considering flowers in poetry-have you noticed how the Celtic poets leave the asters and the lilies and the orchids to the southland singers, and write of the lowlier flowers?

Bell Heather, Mich.









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#### FOUR O'CLOCKS

A little way the Four O'Clocks Open along my garden path, Like peddlers laying out their stocks, And each one something finer hath.
Rare silks and satins of Cathay
To pleasure some fair lady's eye,
Their brilliant hues in bright array,
Purple and red and gold I spy.

Oh, what a magician made them ope So promptly their enchanting packs? I think an artist could find hope In their display. If beauty lacks A cunning gown, just let her peep Into the evening's treasure-box, Where twilight takes her scented sleep, Among my opened Four 'Clocks, — Will Thompson's -Will Thompson, Md.

#### FRIENDS' FLORAL CORNER

Dear Floral Friends: I saw in the September issue where a flower friend wanted to know how to store Canna roots through the Winter. I will tell you how I care for mine:

Winter. I will tell you how I care for mine; maybe it will help someone.

Canna plants should have one fairly severe freeze before the bulbs are dug. This kills the tops and ripens the bulbs better. A few days of drying weather will wither the froz n tops and they eat he lessly renewed. But do not remove them until ready to dig the bulb, as the tops will protect the roots should the weather turn colder. Dig carefully so as not to bruise the outside bulbs, for they will be your best ones in the Spring. The digger should begin well back from the center. should begin well back from the center.

Leave the clump all together and do not expose it to the air during the Winter. This means that as much soil should be taken up with the clump as can be it prevents the roots from drying out and withering during the Winter. If the soil is a little wet the roots will hold it better.

A cellar is the best place to store Cannas. but I have to keep nine in a thick box upstairs where they will not freeze. The clumps should be placed on the floor, or bottom of a box. Put them as close together as possible and the tubers that are uncovered should be covered with soil. Do not let the soil get dust dry durwith soil. Do not let the soil get dust dry during the Winter; this dries out the roots too much. I have seen all the life simply dried out of them this way. Sprinkle the soil with warm water once in awhile, but do not wet it enough so the roots will start growing. Never separate the clumps until you are ready to plant them out. I believe in this way you will have no trouble with your roots drying out. D. M. C., Mo.

#### **EXCHANGES**

Flower seed for magazines with crochet work or crochet patterns. Mrs. Clara Tiltman, Mt. Greenwood, Ill. Box 75.

Fall-blooming Crocus, red and yellow Cannas, Tiger Lilies and Gladiclus for exchange. Write. T. A. Gilbreath, Yantis, Tex. RED 3.

Fancy-work, flower and garden seed, hair switches and a knitting machine for Hardy bulbs and shrubs, canaries, etc. Write. Mrs. G. A. Runyon, Cedar canaries, etc. Rapids, Iowa.

Yellow and Blue Flag for quilt séraps. Mrs. Hester Haynes, RFD 2, Box 31, Holladay, Tenn.
Amaryllis, Iris, Hibiscus, Gladiolus, Chrysanthe, mums, Bleeding-Heart, Lily-of-the-Valley, Phlox-Spotted Calla, Rubber Plant for other plants and shrubs. Write. Mrs F. Tolander, Waterville, Iowa.

Red shades (dadiolus and flower seeds for other Gladiolus. Mrs. J. Moore, 706 Lake View St., Ludington, Mich.

#### **OUESTIONS AND ANSWERS**

Q. Why does my Cape Jessamine not grow? It is only a few inches high and has a bud that gets no larger.—W.T., Pa.
A. Repot in a four-inch pot, with a tea-

spoonful of bone meal mixed in soil; place in a warm, sunny window.-EDITOR.

Why does my Asparagus Plumosus grow to vine instead of making the dense plant florists pleture?—C. B., Ariz.

A. It is naturally a climber and will run up

anything it can reach; if away from support it will grow as you wish.—EDITOR.

Q. My Narcissus make wonderful foliage but no flowers; they have not been moved for years, what shall I do?-R. M. S., Va.

Narcissus should be dug up every third year, after foliage is thoroughly yellow and dead. In November, divide and reset four inches deep and six to eight inches apart in rich soil.—EDITOR.

O. What causes my American Wonder Lemon to lose its leaves, and drop its fruit?—W. T., Pa.

A. Either chilled or infected with mealy bug. During fruiting season keep in sun, in temperature of 60 to 70 degrees; for mealy bug spray with lemon oil, to be had at any good drug store.- EDITOR.

Q. My Leopard Plant has lost its spets. What can I do to bring back its spots?—C. B. E. lowa.

A. Repot, adding teaspoonful of bone meal,

with an inch or two of broken pots or einders at bottom of pot for good drainage, place in a moist, rather shady spot.—EDITOR.

A Heliotrope plant may be grown in the same pot for several years.

Street and No. ....

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#### FRIENDS' FLORAL CORNER

Dear Floral Friends: I have five varieties of Tradescantia or Wandering Jew. The plain, old fashioned green; the large, new green with such thrifty foliage and large white flowers at the end of each leaf; then the red and green; the green and white, and the pure white, which is a sport off the green and white. Cuttings put into ornamental glass bottles will root and grow in the water all Winter. Change the water every week and keep the bottles full; the white roots in the water and the growing plants are both interesting. I could spare cuttings to floral sisters. Ima, O.

#### QUESTIONS AND ANSWERS

- Q. What flowers are suitable for cemetery planting on graves?—K. M. W., Wis.
- A. Hardy Roses, Hydrangeas, Lilies and Chrysanthemums, Iris, Paeonies and English Ivy.-EDITOR.
- Q. What was the trouble this Fall with my Asters? When they were almost grown they turned yellow and died. Examination showed the roots a mass of green Aphis, like those that killed my Sweet Peas in other years. What should I have done? Mrs. S. I. Morre Lowe. S. J. Moore, Iowa.
- A. Water with strong tobacco water. Next year put a small handful of tobacco dust aroud the roots before covering them with soil.— EDITOR.
- Q. What shall I use for a Winter plant box where there is no sunlight, something to drop down and festoon a white wall?—Mrs. Ross Frede, Mich.
- A. Parlor or Irish Ivy, English Ivy and Asparagus Sprengeri, are all desirable.— EDITOR.
- Q. The children played and dug in my garden all Summer and I believe it is too dry, sandy and poor for anything to grow in it. How shall I get it ready? Shoutd bulbs be planted indoors or not?—J. Ambrey, N. J.
- A. Coat the surface thickly with well rotted manure, dig and break up well. Then set your shrubbery two feet apart and water well. Bulbs can be planted outdoors or in according to varieties; the large sizes are for indoors but most of them flower better in the garden'
- Q. In an old number of The Flower grower a correspondent asks whether it is true that an application of lime water would clear up the delicate shades among bulbs, and Scotch soot intensify the darker ones. And I would be glad to have an answer too, or rather to hear the experience of others. -Editor.
- Q. Please tell me why every leaf on my Water Hyacinth turns brown or is spotted? I keep it in the kitchen. Is it too warm?—S. P., Pa.
- A. Too warm. Up North Water Hyacinths are good only in tub of water or still pond outdoors in summer, in sun.-EDITOR.

Boys and Girls Earn Xmas Money Write for 50 sets AMERICAN CHRISTMAS SEALS. Sell for 10c set, When sold, send us \$3.00 and keep \$2.00. NEUBECKER BROS., 951 East 23rd St., Dept. 81, Brooklyn, N. Y.

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C. M. THOMAS. 337 W. Madiaon Street, Dept. 12D3 CHICAGO, ILLINOIS. U. S. A.

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naven't been bothered since.

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R. R. 2, Box 36, San Bernardino, Calif.

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### These Offers Will Not Appear Again This Year **Dutch Hyacinths For Fall Planting**

A Year's Subscription to Parks Floral Magazine Included With Every Collection

These are all magnificent varieties grown for us in folland, fresh, healthy, well developed Bulbs, each con-taining a flower for early blooming outdoors next Spring. We include one of each in a collection.

COLLECTION NO. 8

#### 10 Best Named Single Hyacinths, 45c

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Gigautea. Blush pink, very large.
Grandeur a Merveile. Blush white.
King of the Blues. Finest dark blue.
L'Inn veence. Biggost, best pure white.
Lady Derby. Dark pink, almost red.
Lord Balfour. Rose-violet, handsome and of great substance.

Queen of the Blues. Most perfect, light blue. Roi des Belges. Scarlet, a grand flower. Victor Emanuel. Bright, rosy, carmine-red: handsome.

3 collections, 30 bulbs, and 3 subscriptions, \$1.20.



COLLECTION NO. 11

10 **Best Named** Double Hvacinths 45 cts.

The bulbs are fine and the varieties the best Doubles for outdoor planting this Fall for blooming next Spring.

Bloksberg. Light porcelain blue, large stalk.

Chestnut Flower. A bright, rosy pink, like the pinkish red in a chestnut flower.

Crown Prince of Sweden. Violet-blue. Garrick. A showy, light blue with lilac tinge.

Grootvorst. Fine, rich, rose pink.

Jaune Supreme. Yellow with creamy pink center. La Tour d' Auvergne. The earliest pure white. Madam Antinck. Large white flower.

Noble Par Merite. Deep red-pink; magnificent. Princess Alexander. Finest dark rose.

Sunflower. Finest all-yellow double Hyacinth.
3 collections, 30 Bulbs, and 3 subscriptions, \$1.20.

#### 12 Fine Bedding Hyacinths, Mixed, 35c 3 collections, 36 Bulbs, and 3 subscriptions, \$1.00, post

paid. Very good size Bulbs for planting outdoors this Fall. Address all orders,

Parks Floral Magazine, Lapark, Pa.

#### GROWS CACTUS FOR SEED

Dear Floral Friends: I hope you all grow cactus, for really you don't know what a lot of pleasure there is in watching them grow, and the blooms are something wonderful, and when they begin to bloom one can count on flowers each year ever after. My red philo-cactus Ackermani blooms in Spring and again in Fall, but philocactus Empress only blooms in Spring, or at least that is all mine has done so far. Another one blooms in November and this one I call my Thanksgiving cactus, al-though it is usually in bloom before Thanksgiving and lasts until long afterwards, and has such fine blooms of the lovilest carmine color, with purplish sheen. Then comes good old Christmas cactus, with its wealth of fine flowers, and it lasts for a long time. One that has given me great pleasure is an Opuntia, with yellow blooms having red center, about two inches in diameter, the center full of yellow stamens. I love this one although the blossessment. stamens. I love this one, although the blossoms do not last so very long. Then there is Opuntia Servelis, with its long hairs, and while my plant of this one is small, yet it bids fair to be a very odd and pretty one. Spiderfair to be a very odd and pretty one. Spider-web, too, with its soft leaves that feel like the finest velvet; who wouldn't love it? I also have the Burbanks' spineless cactus in two varieties, the purple and the yellow fruiting sorts. While both are lovely, I do like the tall growing one better. One hardy variety is so closely filled with glistening, straw-colored spines as to make it a formidable enemy, but not a new it has chown no signs of flowers for up to now it has shown no signs of flowers for me. Prickly Pear is filled every Spring with its dainty yellow blossoms that look as though they had been cut from the finest crepe de chine. I believe it might prove hardy here, but I have never yet tried it, but always carry it to the cellar on the approach of Winter.

Dainty little Mistletoe! how I do admire it, and "rat-tail", too, especially in late Spring, when its long tails are filled with the beautiful flowers it bears.

And still I could go on, and on, but fear our Editor would call a halt pretty soon, and just now I really am busy getting them all carried into the house and hunting Winter quarters for each and every one. And let me tell you this is no small job when one has only an or-dinary house with quantities of plants, but still not one variety can I spare.

Mrs. M. B. McQuown, Penna.

Verbenas flower profusely and blend well with other flowers.

Deadman's Fingers is Habenaria Conopsea.

#### RECIPE FOR GRAY HAIR

To half pint of water add 1 oz. Bay Rum. a small box of Barbo Compound, and ½ oz. of glycerine. Any druggist can put this up or you can mix it at home at very little cost. Apply to the hair twice a week until the desired thade is obtained. It will gradually darken streaked, faded or gray hair and make it soft and glossy. It will not color the scalp, is not sticky or greasy and does not rub off.—Advertisement.

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#### THE JOY IN BULBS

I have been thinking for some time of telling you about the pleasure I got from a batch of unnamed bulbs sent me two years ago. I received them about this time of the year (Nov.) and could see that they were Tulips and Hyacinths. That was all I knew about them. I planted them in an old dish-pan, about two inches apart and three inches deep. I mulched them well and set the pan down in a bed of cinders on the south side of the house. They were truly cinderellas. The Hyacinths were pretty well mixed as to color and were beautiful, but the Tulips were as much more beautiful as it is possible for one flower to be than another. When they opened I was disappointed, because they seemed to be an unusually large size, but such a dirty white, but what a change the second day! It seemed as though they began to blush in embarrassment. First a dainty pink tipped the edge of the petals; this deepened at the exclamations of admiration they received until they boldly flaunted a dark rose. It was like looking at a different flower each day. They were all the same color except two that did not bloom until the others aded. They must have waited until the others were gone so they would show off to the best advantage. One was a lovely yellow, the other an indescribable shade of bluish red. The two shades blended so nicely that they attracted lots of attention. I looked forward to when they would bloom this last Spring, but a late hard frost had spoiled them all. One nice thing about Bulbs is, that there is always a "next time".

I see some one is still talking about putting castor oil on Ferns. A florist told me it was really a fertilizer if you had time to wait for it to decay, but there were so many other fertilizers that would affect the plant right away, that it was better not to use castor oil. I am sure nothing else could make the earth around the Fern look any dirtier. The Asparagus Ferns, which are not real Ferns at all, like a good taste of salt twice a year. Plumosus Nanus and Sprengeri are first cousins to the garden Asparagus, and many gardeners salt their Asparagus beds regularly.

Mildred Fisher, Kans.

#### EXCHANGES

Rosemary, Artemisia, etc., for perennials or bulbs. H. De Haas, 404 S. 8th St., Livingston, Mont.

Hardy plants and seeds for Tuberous Begonias, Tuberous Moonflower and roots of Magnolia, Cyperus, Pampas Grass and Paeonies. Mrs. E. E. Thompson, Thompsonville, Conn.

Bundle of Minn. native plants including Lady Slipper, Cranberry, etc., for baby chicks, or anything you offer. Write. Mrs. O. A. Winton, Kerrick, Minn.

Flowers and flower seed for quilt scraps. Lunnie Quinn, RFD 2, Holladay, Tenn.

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#### NATURE'S PICTURE BOOK

Let us gather 'round for a farewell look ere Mother Nature closes the Autumn edition. How we linger over each page, loathing to close so lovely a book! But we must go on just as each day's changing, shifting scenes thrill us. Pays are hazy, with blue sky, biltowing clouds, birds southward bound. Fairylike touches of Jack Frost make leaves glori-

Our homely tasks-over my line of billowing wash I see fields and hills stretch into nothingness; a vagrant breeze is calling me, how I would like to wander gipsy-like, stopping to admire a leaf here, and there to speak to the roguish squirrel with the self satisfied mien, his preserving and canning are about finished; he is happy.

How tavish is Mother Nature with her gifts, each one better than the last; how we anticipate each season Soon Winter will be with us, the glorious leaves will quickly have danced happily to bed, to be covered with a snowy sheet. 'Glistening Winter scenes, boughs heavily laden with snow, and then a day of wonderously bright diamonds gleam, and pearls softly festooned from branch to branch not fences, but crystal lace of intricate design, the flash of color, a cardinal in flight 5 the miracle of it all.

Since Nature can do so much what have we done? Let us take stock of our past accomplishments. Have we gained something in knowledge? passed something on, some new flower? Have we made some heart glad with a flowering plant, or bouquet; a message of cheer? Have we interested some one in garden, a convert to the cause of "Flowers"? O! how much easier is the rocky way when flower strewn.

Nature ever ready to aid sends messengers of cheer. Let us never fail to follow in her footsteps.

Then make ready for Winter; clean up the flower beds, store away roots with the loving core Nother Nature teaches. If your cellar is very dry puck your dahlia bulbs in boxes, stem downwards, (to drain water out of stems) and fill in with dry sand, soil or sawdust, to avoid too much drying out. Water in the stems causes rot.

Next Spring mark with a small stake odd bulbs that must be lifted, in order to find easily when lifting time comes. Strive always for more and greater variety in flowers, experimenting, helping others, especially children, and so, not missing one of Nature's lovely nightness. ly pictures, be extremely happy in making the most of what we have.

Sweet Pea, Penn.

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#### THE THOUSAND HILLS

The thousand hills with spring are green, And wrens in airy flight are seen, The slate-blue peaks, that distant lie, Are like a bowl to catch the sky.
While farmers plant the fruitful bean,
The earth prepares for heaven's queen

A myriad of hues, whose splendors mean Less gloomy days where tower high The thousand hills.

Wet winter past, the bard is keen For vistas, where plum-blossoms lean, Above clear brooks that twinkle by. What dreams within the poet's eye, Hued like the opal's prisoned sheen,

The thousand hills?
Will Thompson, Md.

#### LOOK BACKWARD A MINUTE

Dear Floral Friends: Well this is a good time of the year to think of our successes or failures with flowers and to plan for the com-

ing year.

My dahlias from seed grew fine, were 2 to 3 feet high with ordinary care, but the long, dry seasou blasted the buds, and the light frosts

so soon after the rains came, have postponed until next year my enjoyment of the flowers. For the first time in my experience only the larger bulbs of gladiolus bloomed. The bulblets I bought grew so nicely that with a favorable season I hope for flowers next year. I received a primulinus gladioli as an "extra" last Spring. Was not much interested in the description, but planted it. However, it was a surprise, so dainty in form and coloring that I must have a deep or two perty year. I must have a dozen or two next year.

My Perennial Peas grew nine feet tall in spite of drought, and bloomed from Decoration Day until after the Chrysanthemums began, with no care at all. It is a good choice

for busy and lazy folks.

But with most flowers, lack of care, either "don't-know-how" or "haven't-time" kind, is fatal to the amateur's hopes of beautiful flowers from annuals. Perennials, after they get a start, seem to stand it better. I have thirtyone plants from a packet of Aquilegias sown this Spring that did not seem to grow all Sum-mer, but with the Fall rains how they jumped! My three-year old bed of mixed hardy Pinks

and Dianthus were as nice as anything I had this year, almost like Carnations, and the

colors were glorious.

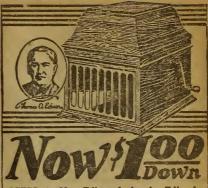
I shall make a specialty of Bulbs for Christmas presents this year, as I find they are al-ways appreciated, which is more than can be

said of many gifts.

I have found that nice plants of Ageratum, taken up in the Fall, will bloom almost all Winter in the house, and then bloom the next

Summer in the bed again

But after the frost my flowers were scarce. I wish the Editor would print a list of frost-proof annuals. Mayweed, N. Y. proof annuals.



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### LAST CHANCE THIS SEASON

Lapark Famous Tulip Offers

A Year's Subscription to Parks Floral Magazine Included With Every Order.

COLLECTION NO. 2

8 Lovely Named, Single, Early Tulips, 30c

Artus. Scarlet. Rich, bright red; flowers very large. Cottage Maid. Immense white petals charmingly

Cottage Maid. Immense white petals charmingly suffused with earmine-pink.

Duchess de Parma. An enchantingly beautiful, large flower, brownish-red, light orange-yellow border.

Just van den Vondel. Cherry-red-violet, charmingly feathered white.

LaReiue. Pinkish white. One of most popular.

Prince of Austria. Outside petals orange-red, with a copper tinge, inside petals brilliant scarlet-red.



White Hawk. Very large, pure white round flower. Yellow Prince. A clear canary-pellow, occasionally streaked with a little red. One of the fluest.

4 collections, or 32 Bulbs, and 4 subscriptions, \$1.00. COLLECTION NO. 3

8 Named Double Early Tuiips. 30c

Couronne d'Or. Orange and goiden. This is absolutely the finest double yellow Tulip.

La Candeur. A large, full, double flower, white

tipped with green. Large, dazzling, scarlet flower, with pinkish sheen.

Jucretia. Rose-violet-pink. Showy and handsome. Murillo. The handsomest and most desirable pink-the white; on long stems.
The largest red double Tulip.

Eulers Maxima. The largest red double Tulip.
National Maxima. The largest red double Tulip.
National Rose. Dark rose flamed with red.
Tournesoft. Most opular and widely grown double
Tulip, bright red with golden base and yellow edges.
4 collections, or 32 bulbs, and 4 subscriptions, \$1.00.

Parks Floral Magazine, Lanark, Pa

#### CHINESE WOOL FLOWER

It is a long time since I have written to our dear little Floral Magazine, though I have read and re-read each copy. Perhaps I have been too busy reading and putting to practice the many valuable suggestions found in it. Since many valuable suggestions found in it. Since I have written to your paper I have tried out many different flowers; one, the Chinese Wool Flower, an annual which has gave me more real value for the small amount of expense than anything I know of. It blooms from early Spring until killing fr 'ts, a mass of veivety crimson. Then there is the golden yellow one, which, with its many varying shaped and shaded blossoms, is a constant delight to every member of the family, and when its Summer's work is done, if it is gathered and stored heads down until dry, it makes a wonderful Winter bouquet, together with wonderful Winter bouquet, together with grasses, gilded and silvered by being dipped in gold and silver paint, worth a lot to brighten the dark corner. It would make a lovely gift for an invalid or shut-in.

Another flower, not so hardy but repaying one very well for his trouble, is the Strawflower, in its many shades and forms, making both Summer and Winter more cheery with its wonderful colorings 1t, too, must be dried heads down for use in Winter bouquets.

#### My Dahlias



Dahlias have been my great standby for the past few years, and my collection of choice ones is over fifty, and yet I would like to have more. They are planted in my flower garden in rows, and plowed just as my husband plows his cotton, and hoed and cultivated about the same, and to say they reward us with a wealth of blossoms is putting it mildly, for I could gather sometimes five hundred blossoms at a time. The same conditions that make corn and cotton will make Dahlias, but they must have sun, fertilizer and moisture in plenty. Never plant them in the shade where soil is too poor for other crops and expect blossoms. Of course they might come up and make some foliage but certainly few blossoms. This year the bugs were sucking my Dahlia blossoms. To get rid of them I first sprayed with Paris green, and as they still continued to bother I used Bee Brand insect powder and that was the last of the bugs.

Cherokee Rose of Georgia

#### IS IT ANYBODY'S BUSINESS?

Is it anybody's business If I would rather get
One dozen choice Rose bushes
And wear my old hat yet?

If I could find more enjoyment, In the Roses white and red, Than in Roses artificial On a new hat for my head?

If I wear my coat four winters, Why should people criticise?
I'll buy hardy bulbs I long for, When the bulbs I dearly prize.

If the Daffodils and Tulips, And the Hyacinths so rare Would give me far greater pleasure Than the new coat I might wear.

I've decided to buy Roses. Yellow, red and pink and white, And a few new grand Paeonies. Last year's hat will look all right.

Only think of the great uplift I will have from day to day, When my treasures bud and biossom, And from blooms I'll give away.

Now I never had ambition A tive tashion plate to be; To be known as the "Flower Lady", That name does appeal to me.

—Eva Wendel Smith, N. Y.

#### PLANTS HAVE EVES

Most people are aware that Potatoes have eyes, but how many know that certain comeyes, but how many know that certain common garden and wild flowers are similarly equipped? The Nasturthum, Begonia, Clover, Wood Sorrel and Blue Bell, among others, have eyes placed on their leaves. They are gummy mixture, which focuses the rays of light upon a sensitive patch of tissue behind them. A Nasturtium plant has thousands of such "eyes" on its leaves, but it is not yet known if the plant can see.

Are the sense impressions telegraphed to some central nerve corresponding with the brain of the animal kingdom? In addition to this visual organ, many plants show a sensi-tiveness that points to further resemblance to animals, while certain Seaweeds and Mosses, in early stages of their existence, are able to actually swim through the water.

Elsie B. Stoner, Penna.

#### **USING SMALL POTS**

Amateurs, when visiting greenhouses, often express astonishment upon seeing large and perfect plants grown in small pots. If one wants a plant to bloom soon and sure, put it in a small pot; when the roots have filled the soil, the plant may be fed with liquid manure, and the soil of the water of the soil of the soil of the water. or even a little ammonia added to the water will give satisfactory results.

#### CHINESE PRIMROSE

There is nothing better than the Chinese Primrose for a window plant, and, with care it will bloom the year round—usually, though, it blooms in Winter and Spring. Keep your plants near the glass, moderately warm, and have good drainage in your pots. Put in a few sticks for support if the plant grows top-heavy.

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#### A MEXICAN PRIMROSE

This is the desert's child, Reared in her bosom wild. It dwells mid lowly grass Which careless eye might pass, And opens its petals four Like a celestial door; Bares its delicate heart Far from the busy mart! It spreads its petals white Deep in the silent night, And sends its perfume rare Out on the morning air, For bees that wander by, Or thoughtless butterfly, For a day it braves the skies! Then blushes, fades. Alas, it dies! -Evergreen, Calif.

#### FRIENDS' FLORAL CORNER

Dear Floral Friends: I have been a fond but silent reader of the little Magazine for seven years and each issue brings me great pleasure. But I am a very busy housewife, and mother of three children, with neither time nor talent for writing, but I certainly do enjoy the Floral Friends' Corner. Two flowers grow in our yard and I would like you to tell me their names. I am sending you the flowers. The names. I am sending you the flowers. The yellow one is from a shrub several feet high, while the purple flower is a foot tall and comes up every year, but I do not know whether it is from seed self-sown or the roots.—Flora, Tenn.

(I take the liberty of answering Flora because I cannot show you the flower. The yellew one is Kerria Japonica flore-pleno; the purple one is Verbena Erinoides.)—EDITOR.

Dear Floral Friends: Three years ago I had a bowl of beautiful Narcissus blooming in the house. They lasted long enough, I suppose, but they grew so rank I hated to part with them, and kept them long after they had toppled over after flowering. Then I found a fairly good planting-out day in February, and I selected three of the largest bulbs and planted them, more for an experiment than from faith, The first two years they came up, but did not bloom. This Spring they had large buds, but a late freeze killed them just in the buds, but a late freeze killed them just in the act of blooming. Would they ever again bloom do you think? Mrs. C. L. Lett, Ky.

Dear Floral Friends: Suppose all the Flowers are troubled, at times, Double Purple Petunia has another good remedy which was fine for her Lily bed, this season. It is this: dig a small trench all around the Lilies, say a foot or so from the Bulbs; have the trench four inches deep, then fill the trench with small pieces of glass, crockery and bits of old wire netting cover over with dirt and then let them netting, cover over with dirt and then let them start on their travels. I bet they will have some "tire trouble" and will go in the opposite direction, quick. Double Purple Petunia, Connecticut.

#### **EXCHANGES**

Feverfew, Cosmos, Larkspur, Hollyhock, Daisy, Marigold and Poppy seed for fancy-work, thread, yarn, patterns and beads. Miss Florence I. Wood, 911 Wright Ave., Eagle Grove, Iowa.

Sweet Pea, Bleeding-Heart, Strawflower, Sweet William, China Aster, Geranium, Parrot feathers, Cannas and Rose of Sharon and other flower seeds and plants for odd quilt pieces. Bertha Ballinger, Holladay, Tenn. R.3.

Plants for other varleties. Write. Alice Russell, Groesbeck, Tex. RFD 5.

Caladiums, Cannas, Dahlias, Amarvilis, for Victor.

Caladiums, Cannas, Dahlias, Amaryllis for Victor records. Write. Mrs. John Holwell, 316 Jackson Ave., Warrensburg, Mo.

#### FRIENDS' FLORAL CORNER

Dear Floral Friends: In our part of New York state, we have had a delightful October so far, and it is nearly two-thirds gone. The trees and bushes have been brilliantly arrayed in all their becoming shades of russets, tans and greens—all the charming shades of red as well as the more subdued tones—so at present we do not long for the flowers that we were so eager to see bloom earlier in the season, and it seems just as desirable to clean up the dried

seems just as desirable to clean aperagarden and care for the bulbs.

But now you will no doubt be reading this when Jack Frost has been out etching the when Jack with his fary swiftness. That when Jack Frost has been out etching the window panes with his fary swiftness. That is just what I've been thinking of this afternoon when I took care of my Lilies. I don't know what you call them but my grandmother called them "Surprise Lilies," my aunt calls them "Witch Lilies," and some call them "August Lilies." Now you know what I am telling you about and yours no doubt are slumbering for the Winter in the cellar. Just you bring them up along in February or March; give them light, warmth and water, and you you bring them up along in February or Maren; give them light, warmth and water, and you will be surprised, for they will blossom just beautifully. Mine do well in a north window, and how we do enjoy those dainty pink blossoms when the wind howls and the snow

I think a lot depends on the containers you keep your plants in. For me Begonias do far better in the earthen plant jars, though many plants are not partial whether they are in jars, this or wooden containers. Keep the outsides of them neat, too. Tissue paper helps a lotor even wall paper White paint is more

Do you known that Christmas Cactus can easily be rooted in water? I do not know if

other varieties can or not.

As soon as the holidays are gone and the flower and seed catalogues appear, one begins to enjoy anticipating next Summer's flower bed and we find it a good plan to draw an outbed and we find it a good plan to draw an out-line of the house and yard and mark dewn where the different seeds, plants and shrubs should be placed. It makes a very enjoyable work of an evening, getting these plans made, and helps out wonderfully when Spring comes with its many necessary tasks that give us small time for the pleasures. Every year, yes every season, we exchange something with some one and truly our collection, outdoors as well as in, is a friendship garden.

Chrystina Bee, N. Y.

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#### GYPSOPHILA PANICULATA, OR BABY'S BREATH

Gypsophila Paniculata is a lovely, hardy plant that, once started, will live for years. It is easily grown from seed sown in the Fall. The sprays are branching with delicate, pale blue flowers which are fine for bouquets with brightly colored flowers.

Mrs. Knox, Colo.

Who has ever had Vincas? If you have not raised them try these plants for outdoors next season. I keep mine over Winter and they bloom freely. They need only light and water and any good garden soil suits them.

Spearmint, Ills.

They are old-fashioned, it is true, but the cheery, bright red bloom of a Geranium will certainly do wonders on a dismal, bleak November day. I would not think of keeping house without one, for it is as important in nouse without one, for it is on a dark day as "polishing" up the family on a dark day as colish is to tarnished silver. N. C. B., Md.

#### QUESTIONS AND ANSWERS

Q. Is the Star of Bethlehem used as a window plant? If not I would like to know what window plant bears a mass of white star-like blossoms.—

Ethel F. Legro, Mass.

A. The window plant is Ornithogalum Arbicum, which is also known, however, as Star

of Bethlehem.—EDITOR.

Q. In the April 1922 Magazine you published an article about the Sacred Lily of Indo-China. Could you tell me where to obtain the seeds?—Mrs. Earle A Prescott, N. H.

A. I understand Government regulations do not permit the importation into America of this seed.—EDITOR.

Q. How can I remove scale or lice from my Ferns.—Mrs. W. M. Moore, Texas.
 A = Cut Fern back to surface and let it grow

new shoots.—EDITOR.

Q. You will see from enclosed fronds that my Fern is diseased. What shall I do for it.—Mrs. C. E. Everson, N. Dak.

A. Trouble is scale. Cut off all the affections.

tive fronds and burn them.-EDITOR

When is the best time to plant Hardy Pea?-

Q. When is the best time to plant Hardy rear-Miss Pearl Kerr, Ill.

A. Hardy Pea or Lathyrus latifolius can be planted any time in the Fall. If the ground is frozen, break up the crust and plant seeds underneath.—EDITOR.

of Please tell me what to plant around my porch.
Morning Glories wilt. Do you recommend Wild Cucumber?—I want plenty of shade.—Mrs. S. W. Baldwin, Kans.

Japanese Kudzu vine is about the best thing.—EDITOR.

O. Where can I get a dictionary glving the scientific and common names of flowers?—Ars. E. Y. Cooper, Mo.

A. I suggest you consult the principal of your High School, or Teacher of Botany in that institution.—EDITOR.

Q. My Amaryllis bloomed in August; shall I treat them like Gladiolus? Which is the yellowest yellow Gladiolus? How can I destroy a shrub that is crowding my garden? It is not killed by being cut down? What causes the buds and half opened blossoms of my Fuschia to drop?—R. Timmer, Mich.

A. Yes, take up your Amaryllis just like Gladiolus and give them a rest. Golden Measure is the yellowest Gladiolus. I cannot Measure is the yenowest Glaubius. I cannot tell you how to destroy the Shrub without knowing its name—send me a leaf and bit of branch. Sour soil is affecting your Fuschia. Repot in new soil, putting an inch of broken pots or cracked stone in bottom of pot for proper drainage.-EDITOR.

#### SALVIA FOR INDOOR WINTER BLOOMING

If not already frozen, dig up a Salvia, or Scarlet Sage, cut it down to about 10 inches, pot and take it in the house, treat like any other pot-plant and you will have its brilliant



SALVIA: OR SCARLET SAGE

red flowers to brighten up the room in the worst old month of Winter, February. The variety of Salvia said to be most beautiful indoors is Involucrata Bethellii, which bears spikes of bright rosy, cormine flowers, in groups of three, at the end of the branches.

#### FOR JUSTICIAS

During the hot days of Summer my Justicia does not seem to like the heat at noon, and needs very little care, but lots of water. When the first blooms die 1 just pinch them off close to the head of bloom and other flowers will come where they were.

My Periwinkles that began to bloom early in the Spring had flowers on them until late in December, and my Hibiscus bloomed until

nearly Christmas.

Mrs. H. M. Whitehead, Ga.

#### **AQUILEGIA IN POTS**

Try two or three pots full this Fall and you will need no urging to plan for them each Autumn. Take up the largest crown very carefully and place it in a pot large enough to accomodate it; set the pot in a cold frame or plunge it in ashes outdoors, like bulbs. Towards Spring bring into a warm room, and they will grow quickly and provide a fascinat-ing decoration before they can be expected outdoors.

#### EXCHANGES

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St., Marion, lowa.

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#### PLANTS FOR A WET SPOT

I have such a spot near my spring, and in i grow "Swamp Violets", "Church Bells" ( kind of Fox Glove), crange Day Lilies (Hem erocalis), tall blue Spiderwort, Perennia Palox, Hibiscus Mallows, red-flowering Hors-Mint, Cardinal flower and Turtle Head Head Showy grasses are always pretty, too. Wenona B. McCluer, Ky.

Dear Floral Friends: Several years ago the writer purchased a number of Paeony root which were planted on the south side of building under the eaves. In fact, one was planted where the water from the roof fel directly on it. An old dishpan, with the bot stom removed, was put over this particular root and the pan was filled to within two states. inches of the top with loam so that there was at least six inches of earth over the crown The water from the eaves filled the pan and roze, so there was a solid cake of ice on tor of the plant nearly the whole Wirter. Tha plant produced more flowers than all of the others put together.

I want to tell you this because we are told to put the crowns just so deep; if too deep it is very bad, if too shallow, worse. Edgar M. Keith, S. Dak.

#### QUESTIONS AND ANSWERS

C. Please advise me about my Heliotrope; its leaves are turning brown and I find a little brown aphis on the back of them. I changed the soil but it does not prevent them dying.—G. M. N., Oreg.

A. Dust with tobacco dust, being sure to reach the under side of the leaves, and keep rather dry, in a warm, sunny room.—EDITOR.

Q. Last Spring my double Narcissus started to open, then seemed to stand still, finally the petals seemed to blight somewhat, and opened green instead of yellow, a sort of cross between colors of teaves and flowers.—C. B., Ariz.

A. This is exactly what Narcissus Von-Sion does from time to time, and there is no help for it.—EDITOR.

help for it.-EDITOR.

help for it.—EDITOK.

L. Tell me the best perennials for a hot, dry change like ours —C. S., Ark.

A. Gailardias, Correopsis, Hardy Asters. Henterocallis and Pyrethrum.—EDITOR.

L. Is there such a thing as a breeder among Amarylis bulbs My Johnsonii has refused of ploom for dour years, but produces new bulbs per sistently; it rests under a bush in summer.—G. L., Mo.

A. There are no breeders among Amaryllis.

Remove all young ones, plant out in sun next.

Remove all young ones, plant out in sun next season, and give no water, then pot up in Fall—EDITOR.

Q. My Rubber Plant is losing its leaves. First there is a little yellow tinge to the leaf, it spreads, curis up and has a black, mouldy appearance. What small I do -J. F. F. Mich.

A. The Rubber Plant is subject to this

condition; cut it back within a foot of the sur-

condition; cut it bases within a foot of the sufface and let it grow ur again.—EDITOR.

Q. My Rhus Cotinus has tiny blossoms but never presents the appearance of smoke. Is there something wrong with it —L. L. W., N. Y.

A. Nothing wrong, it is only in the distance that Place Cotinus is sufficiently engagestime of

that Rhus Cotinus is sufficiently suggestive of smoke to be entitled to its common name of Smoke Tree.—EDITOR.

Q. When a new leaf comes on my Calla the other one dies. Why? I keep the plant in a jar of water all the time.—T. A. M., Mass.

A. Grow it in soil, not water, in a six-inch pot, with a handful of well rotted stable manure mixed in.—EDITOR.

O. Must a Christmas Cactus be root bound to bloom —H. C., N. Dak.

A lt helps, but is not positively necessary.

EDITOR.

What makes Chinese Sacred Lily buds blast?

it.-EDITOR.

pt.—EDITOR.

1. have set out my May-flowering Tulips in a bed where I want tog row Cannas next Summer. If the Tulips do not bloom early enough can I transplant them and will they surely flower?—F. S. Ohio.

1. It would be an experiment, and I think a very unwise one.—EDITOR.

2. In Florida there is a perennial Coral Bell, with coarse, bean-like leaves and large clusters of bink flowers. Please tell me its name?—M. E. F. Wash.

A. Heuchera sanguinea is commonly known as Coral Bell, and also as Crimson Bell. It is a perennial and quite often grown in pots for Winter blooming indoors.—EDITOR.

Winter blooming indoors.—EDITOR.

Q. Are tea and coffee grounds good plant food?—
M. A. C., Me.

A. They are frequently used, but are of no earthly use as growing "food."—EDITOR.
Q. How old must a Wisteria be better it will bloom?—A. L., Tex.

A. Three to four years.—EDITOR.
Q. What shall I do about little white flies on my window plants?—C. M. F., Vt.

A. They are acid flies that gather because your potting soil is sour. Spray plants with tobacco water, daily, three or four times.
—EDITOR.
Q. Kindly give me cultural directions for Ruellia.

Q. Kindly give me cultural directions for Ruellia Makoyana?—R P., Mich.
A. Just the same as for Geranium or any common house plant—use four-inch pot and rich soil.—EDITOR.

Q. What can I do to make my Tuberoses bloom?
At what age should they flower?—C. J. DeH., Mont.
A. Unless your tubers are offsets they will bloom when two years old, but never if

chilled.—EDITOR.

Q. What shall I do with my Chinese Sacred Lines after they have finished blooming?—C J., Ill.

A. Throw them away.—EDITOR.

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# Makes Glands Strong

Actual Gland Substance, Directly Absorbed. Look and Feel as Youn at 70 as at 25. Science Has Solved the Secrets of the Glands and Now for the First Time Shows You the True Way to Keep or Regain Your Vigor by Replenishing the Most Important Glands.

### DEMONSTRATION TREATMENT SENT FRE

However Good Gland "Tablets" May Be, We Have Found Them too Slow in Results When Used Alone. The Lewis System Is Therefore a Combination Treatment and Does Not Depend Upon Any One Form of Gland Replenisament for Sure and Quick Results.

You Owe It to Your Own Manhood (or Woma hood) to at Least Try the LEWIS SYSTEM COMBINED TREATMENT, Especially as It is NOW O PERED TO YOU FREE FOR TRIAL, With No Obugatu Now or Ever

Throw Away Your "Tonics" and Alcoholic "Medicines." Try this Greatest of All Health Builders.

The Lewis Gland Treatment is absolutely original in every particular and nothing like it has ever been known in medical

This Combination Method is far ahead of any "Medicine" - "Tonic" or stimulant ever used in the past. In one week's time it will accomplish more in the cases for which it is intended than a year's doctoring with any other form of treatment or drugs

And in order to intro-duce the Lewis Method pulckly, we will send De-monstration Treatments, entrely FREE without one penny of expense now or ever to those who will send for them.



The Men and Women Who Accomplish Most Have Strong, Vigorous Glands.

#### The Lewis Treatment Almost Never Fails

If you have tried many other forms of medical treatment without relief and have despaired of finding anything helpful then you are the very one above all others to whom we will most gladly send one of our Demonstration Treatments. All you are asked to do is to Test this new Method in your home and at our expense, Surely you will not permit any doubt or prejudice to stand in your way when such a liberal offer as this is made you.

#### A Special Gombination Treatment for Women Also.

You will notice in the coupon that we ask whether the treatment is intended for male or female.

This is necessary because the two treatments are absolutely different as to formulas. The female treatment is particularly recommended for the allments to which women are most commonly subject. Any Physician will testify as to the wonderful value of Lutein for women's would be of no benefit if administered in a treatment of men. We mention this one point of difference to commasize the fact that the Lewis Treatment for Women pecially prepared for that sex.

A Private. Personal Home Treatment Superior to Anything Ever Before Known

We Prove the I'ru of Every Statement 1 S nding These Tre ments Absolutely Fre

u m o a caa a Grew and kejuvenation is ti most wonderful treatme for the renewing strength and vigor th has ever been conceive

It is based entirely

This metl || This math adversed by the leading stude; its of glar therapy throughout it world—in a cluding D Arnold Lorand who generally conceded to I the greatest living a thority on this sudject.

### What You Mau Exper

o Accomplish Most Have
ous Glands.

gland tissue. It will increase vitality both physical an mental. It will renew strength, especially as to it functioning of the glands. It will increase your endurance and render you less liable to fatigue. It will in prove your general health, and in most cases cause marked improvement in your appearance, Your aptite will increase and you will almost surely gain weight if you are at present in a "run-down" condition. It is especially recommended to men for Prostat troubles, Liver, Kidney and Bladder disorders at Rheumatism, both muscular and joint.

Send for your Demonstration Treatment NOW.

Ail our correspondence and all packages sent by come to you in plain, scaled containers.

This Coupea Entitles You to

#### This Coupon Entitles You to DEMONSTRATION TREATMENT Absolutely

LEWIS LABORATORIES, 108 No, Dearborn St., Dept. 506, CHICAGO, ILL. Please send me at once one of your Demonstration Treatments for the Replacement by Renewal of Worn

out cost or obligation on my part.

(Marka cross before	rethed	one you v	wish.) {	Fema
Note; -(If you wish, rand Packing.)	please	enclose	10 cts 1	or posta
Name		Lating.	arilan	Killer Y.

Address .....



